



TROPICAL CYCLONE BULLETIN NO. 4

Tropical Depression “EMONG”

Issued at 5:00 AM, 05 July 2021

Valid for broadcast until the next bulletin at 8:00 AM today

| TROPICAL DEPRESSION “EMONG” CONTINUES TO ACCELERATE TOWARDS EXTREME NORTHERN LUZON. | | | | | | |
|--|-----------------|-----------|--|------------|------|--------------------------------|
| Location of Center (4:00 AM) | | | | | | |
| The center of Tropical Depression “EMONG” was estimated based on all available data at 530 km East Northeast of Casiguran, Aurora or 560 km East of Tuguegarao City, Cagayan (17.2°N, 127.0°E) | | | | | | |
| Intensity | | | | | | |
| Maximum sustained winds of 55 km/h near the center, gustiness of up to 70 km/h , and central pressure of 1002 hPa | | | | | | |
| Present Movement | | | | | | |
| West northwestward at 40 km/h | | | | | | |
| Extent of Tropical Cyclone Winds | | | | | | |
| Strong winds extend outwards up to 200 km from the center | | | | | | |
| TRACK AND INTENSITY FORECAST | | | | | | |
| Date and Time | Center Position | | | Intensity | | Movement dir. and speed (km/h) |
| | Lat. (°N) | Lon. (°E) | Location | MSW (km/h) | Cat. | |
| 12-Hour Forecast 2:00 PM 05 July 2021 | 18.8 | 124.5 | 325 km East of Calayan, Cagayan | 65 | TS | NW 35 |
| 24-Hour Forecast 2:00 AM 06 July 2021 | 21.1 | 121.6 | Over the coastal waters of Itbayat, Batanes | 55 | TD | NW 35 |
| 36-Hour Forecast 2:00 PM 06 July 2021 | 23.5 | 119.7 | 375 km Northwest of Itbayat, Batanes (OUTSIDE PAR) | 45 | TD | NW 30 |
| 48-Hour Forecast 2:00 AM 07 July 2021 | 25.8 | 118.3 | 665 km North Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR) | - | LOW | NNW 25 |

Prepared by: *RPG*

Checked by: *SFD*



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| TROPICAL CYCLONE WIND SIGNALS IN EFFECT | | | |
|--|---|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 1 (30-60 km/h Strong winds prevailing or expected in 36 hours) | Batanes and the northeastern portion of Cagayan (Santa Ana, Gonzaga) including Babuyan Islands | - | - |

| HAZARDS AFFECTING LAND AREAS |
|---|
| <p>Heavy Rainfall</p> <ul style="list-style-type: none"> Tonight through tomorrow (06 July) noon, “EMONG” is forecast to bring moderate to heavy with at times intense rains over Batanes and Babuyan Islands. Under these conditions and considering antecedent rainfall, isolated to scattered flash flooding and rain-induced landslides are highly likely, especially in areas with high or very high susceptibility to these hazards as identified in hazard maps. Adjacent or nearby areas may also experience flooding in the absence of such rainfall occurrence due to surface runoff or swelling of river channels. <p>Severe Winds</p> <p>Areas where Tropical Cyclone Wind Signal (TCWS) #1 is hoisted will be experiencing strong winds (strong breeze to near gale) during the passage of the tropical depression. However, the projected track and intensity suggests the possibility of hoisting TCWS #2 over portions of the localities presently under TCWS #1.</p> |
| HAZARDS AFFECTING COASTAL WATERS |
| <p>Under the influence of the approaching tropical depression, rough to very rough seas (2.5 to 5.5 m) will be experienced over the seaboard of areas under TCWS #1 and the remaining seaboard of Cagayan. Sea travel is risky over these waters, especially for those using small seacrafts. Mariners without the proper experience should immediately seek safe harbor.</p> |
| TRACK AND INTENSITY OUTLOOK |
| <ul style="list-style-type: none"> The tropical depression is forecast to continue moving generally northwestward until tonight as it approaches the Extreme Northern Luzon-Taiwan area. On the forecast track, the center of the tropical depression may pass close or over the vicinity of Batanes-Babuyan Islands area tonight. “EMONG” may likely exit the Philippine Area of Responsibility tomorrow morning or afternoon while skirting the southern and southwestern coasts of Taiwan. “EMONG” may intensify into a tropical storm in the next 12 hours, although intensification is being deterred by its high movement speed. After passing in the vicinity of Extreme Northern Luzon as a tropical storm, “EMONG” may weaken into a tropical depression due to its interaction with the rugged terrain of southern Taiwan. |

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless an intermediate bulletin is released, the next tropical cyclone bulletin will be issued at 8:00 AM today.

DOST-PAGASA

Prepared by:  **RPG**

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